

**AICRP on Agrometeorology**  
**University of Agricultural Sciences, GKVK, Bangalore-560 065**  
**Meteorological Observation at GKVK, Bangalore**

**PART- I**

District: Bengaluru  
 State: Karnataka

Lat : 13° 05' N  
 Long: 77° 34' E  
 Alt. : 924 m (amsl)

Month: September  
 Year: 2025

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 Cm	5 Cm	10Cm	10Cm	20Cm	20Cm
			0700	1400	0700	1400		0700	1400	0700	1400		
			LMT	LMT	LMT	LMT		LMT	LMT	LMT	LMT		
1	29.2	19.8	23.8	27.2	21.8	22.2	4.6	21.2	30.2	23.0	29.0	24.2	28.0
2	28.0	18.8	22.0	26.2	21.0	21.2	4.4	21.0	27.2	23.2	26.0	24.4	25.8
3	27.2	18.2	22.0	24.0	20.8	22.8	4.3	20.0	27.0	22.4	26.0	23.4	25.2
4	26.8	18.0	23.0	25.6	22.6	22.2	4.2	21.2	27.8	23.0	27.2	24.2	26.4
5	28.4	19.0	21.6	26.6	20.2	22.4	4.5	23.0	28.0	24.0	27.0	25.2	26.2
6	27.6	19.8	21.4	27.2	20.2	22.6	4.1	20.2	30.0	21.0	29.2	21.6	27.8
7	28.6	19.4	21.4	24.0	20.4	22.0	4.4	21.2	29.4	22.0	28.0	22.2	27.0
8	29.0	19.6	21.0	28.2	20.2	22.8	4.5	21.4	30.4	22.2	29.2	23.0	28.0
9	29.6	19.8	21.2	28.0	20.2	22.8	4.6	21.2	31.2	23.0	30.2	24.0	29.0
10	30.0	19.8	23.8	27.4	22.6	22.8	4.8	22.4	29.8	23.0	28.8	24.0	27.6
11	28.2	18.0	22.8	26.8	21.4	21.0	4.5	20.0	28.2	22.4	26.2	24.0	26.0
12	27.8	18.2	21.8	27.8	20.0	22.8	4.4	21.2	30.6	22.4	29.4	23.0	28.8
13	28.0	18.0	22.0	26.0	20.8	21.8	4.5	20.0	31.2	22.4	30.0	23.0	29.0
14	27.0	18.2	22.0	26.8	20.2	21.0	4.2	20.2	32.0	23.0	30.2	24.0	29.0
15	28.6	18.0	22.0	28.0	20.0	23.0	4.6	21.2	30.4	22.0	29.2	24.0	28.0
16	28.8	18.4	22.2	26.0	20.8	22.4	4.6	20.2	30.0	22.4	29.0	23.4	28.0
17	27.8	18.0	21.6	25.2	20.6	21.8	4.4	20.0	28.4	21.2	27.0	23.0	26.0
18	27.0	18.0	22.6	25.0	21.8	22.2	4.2	20.0	29.0	20.8	28.2	21.2	27.0
19	26.2	18.0	21.6	26.2	20.8	22.2	3.9	20.2	26.0	21.2	27.0	22.4	26.2
20	26.9	18.0	21.2	26.8	20.0	22.4	4.1	20.0	28.4	20.8	27.2	21.2	26.0
21	27.4	18.2	21.4	26.0	20.0	22.4	4.2	22.4	28.6	23.2	27.0	24.4	26.4
22	27.6	18.8	21.2	27.0	19.8	23.0	4.1	23.0	30.0	23.8	29.2	25.0	28.0
23	28.2	19.0	23.0	27.8	21.8	23.0	4.3	23.0	31.0	24.0	30.0	25.2	28.0
24	28.0	18.0	21.2	25.4	20.0	21.8	4.4	20.0	30.2	22.4	29.2	23.0	28.0
25	26.8	18.0	20.8	26.0	20.0	22.2	4.0	20.2	28.6	22.8	27.4	23.2	26.4
26	27.2	18.0	21.8	25.8	20.8	21.6	4.1	21.2	28.8	23.0	27.8	23.8	26.4
27	27.0	18.0	22.0	26.4	21.0	21.8	4.1	20.0	30.2	21.2	29.0	23.0	28.2
28	26.8	18.0	22.0	26.2	21.2	21.4	4.0	22.4	29.2	23.4	28.0	24.0	26.0
29	27.2	18.2	22.6	27.6	21.4	22.0	4.1	22.0	30.0	24.0	29.0	24.2	28.2
30	28.0	18.8	20.2	28.2	19.0	22.0	4.2	21.2	30.2	23.0	29.4	24.2	28.0
Mean	27.8	18.5	21.9	26.5	20.7	22.2	4.3	21.0	29.4	22.5	28.3	23.5	27.3
<b>Weekly Mean</b>													
<b>Std. Week No:36 (Sept. 3 - Sept. 9) No. of Days: 7</b>													
Mean	28.2	19.1	21.7	26.2	20.7	22.5	4.4	21.2	29.1	22.5	28.1	23.4	27.1
<b>Std. Week No:37 (Sept.10 - Sept.16) No. of Days: 7</b>													
Mean	28.3	18.4	22.4	27.0	20.8	22.1	4.5	20.7	30.3	22.5	29.0	23.6	28.1
<b>Std. Week No:38 (Sept.17 - Sept. 23) No. of Days: 7</b>													
Mean	27.3	18.3	21.8	26.3	20.7	22.4	4.2	21.2	28.8	22.1	27.9	23.2	26.8
<b>Std. Week No:39 (Sept. 24 - Sept.30) No. of Days: 7</b>													
Mean	27.3	18.1	21.5	26.5	20.5	21.8	4.1	21.0	29.6	22.8	28.5	23.6	27.3

## PART II

Time of Observation:

I---&gt; 0700 Hours LMT = 0720 IST

II---&gt; 1400 Hours LMT = 1420 IST

Month: September

Year: 2025

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/hr)	Direction			0700	1400		
	0700	1400	0700	1400		0700	1400					
	LMT	LMT	LMT	LMT		LMT	LMT					
1	18.5	17.3	84	64	6.1	270	270	3.7	4	6	0.0	3.6
2	18.1	16.1	91	63	6.6	270	320	2.4	6	4	2.0	3.8
3	17.8	20.1	90	90	5.6	270	360	3.0	4	4	3.8	3.2
4	20.3	18.2	97	74	5.9	270	270	1.7	4	2	10.2	3.8
5	17.0	18.0	88	69	4.7	230	320	4.7	4	4	0.4	4.2
6	17.1	18.0	89	67	3.6	320	230	5.1	2	2	0.0	4.0
7	17.4	18.7	91	84	3.7	320	230	5.0	2	2	8.8	3.4
8	17.3	17.8	93	62	3.8	230	270	4.4	2	2	0.4	4.0
9	17.2	17.9	91	63	3.0	270	320	9.1	4	4	0.0	4.6
10	19.9	18.3	90	67	1.1	270	320	5.4	6	4	0.0	5.4
11	18.3	15.4	88	58	3.5	270	320	5.5	4	4	11.4	4.0
12	16.5	18.0	84	64	2.8	270	45	0.9	4	4	0.0	2.8
13	17.8	17.3	90	68	3.0	270	45	5.0	4	4	0.0	5.2
14	16.8	15.4	85	58	5.8	270	45	1.9	4	4	0.0	4.8
15	16.4	18.3	83	65	2.3	270	230	6.5	4	4	0.0	4.2
16	17.6	18.3	88	73	4.4	270	180	4.3	4	4	0.8	5.0
17	17.6	17.7	91	74	3.3	180	180	2.4	4	6	2.8	4.6
18	19.1	18.5	93	78	2.9	180	45	2.6	6	8	18.8	3.4
19	18.0	17.8	93	70	4.1	180	230	4.1	8	4	34.8	3.2
20	16.9	17.9	89	68	4.4	180	320	0.8	6	2	18.0	3.0
21	16.8	18.3	88	73	5.0	270	320	4.1	0	2	0.0	4.6
22	16.5	18.8	88	70	4.7	270	320	3.0	0	0	0.0	4.0
23	18.9	18.4	90	66	6.3	270	320	7.0	2	2	0.0	4.8
24	16.9	17.6	89	72	5.5	270	320	0.6	2	2	0.0	4.2
25	17.1	18.0	93	71	4.4	270	320	2.2	2	2	5.0	3.8
26	17.9	17.0	91	68	5.8	270	320	6.1	2	2	3.2	3.0
27	18.1	17.0	91	66	7.8	270	320	3.6	2	2	0.0	3.6
28	18.4	16.5	93	65	7.2	270	320	1.8	2	2	0.0	4.0
29	18.4	16.7	90	60	7.5	180	360	4.8	2	2	0.0	4.2
30	15.8	16.4	89	57	6.8	270	320	5.8	2	2	0.0	4.6
<b>Mean</b>	<b>17.7</b>	<b>17.7</b>	<b>90</b>	<b>68</b>	<b>4.7</b>	<b>..</b>	<b>..</b>	<b>3.9</b>	<b>3</b>	<b>3</b>	<b>120.4</b>	<b>4.0</b>
<b>Weekly Mean</b>												
<b>Std. Week No:36 (Sept. 3 - Sept. 9) No. of Days: 7</b>												
<b>Mean</b>	<b>17.7</b>	<b>18.4</b>	<b>91</b>	<b>73</b>	<b>4.3</b>	<b>..</b>	<b>..</b>	<b>4.7</b>	<b>3</b>	<b>3</b>	<b>23.6</b>	<b>3.9</b>
<b>Std. Week No:37 (Sept.10 - Sept.16) No. of Days: 7</b>												
<b>Mean</b>	<b>17.6</b>	<b>17.3</b>	<b>87</b>	<b>65</b>	<b>3.3</b>	<b>..</b>	<b>..</b>	<b>4.2</b>	<b>4</b>	<b>4</b>	<b>12.2</b>	<b>4.5</b>
<b>Std. Week No:38 (Sept .17 - Sept. 23) No. of Days: 7</b>												
<b>Mean</b>	<b>17.7</b>	<b>18.2</b>	<b>90</b>	<b>71</b>	<b>4.4</b>	<b>..</b>	<b>..</b>	<b>3.4</b>	<b>3</b>	<b>11</b>	<b>27.6</b>	<b>3.9</b>
<b>Std. Week No:39 (Sept. 24 - Sept.30) No. of Days: 7</b>												
<b>Mean</b>	<b>17.5</b>	<b>17.0</b>	<b>91</b>	<b>66</b>	<b>6.4</b>	<b>..</b>	<b>..</b>	<b>3.6</b>	<b>2</b>	<b>2</b>	<b>8.2</b>	<b>3.9</b>

Note: Rainfall is in Total